

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/523,444
Source: PG/10
Date Processed by STIC: 2/17/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/17/2005

PATENT APPLICATION: US/10/523,444

TIME: 11:36:05

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02172005\J523444.raw

```

4 <110> APPLICANT: Gilles, Jean Guy G
5     Saint-Remy, Jean-Marie R
6     Jacquemin, Marc
8 <120> TITLE OF INVENTION: Anti-Idiotypic Antibodies Against Factor
9     VIII Inhibitor and Uses Thereof
12 <130> FILE REFERENCE: 50304/059001
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/523,444
C--> 14 <141> CURRENT FILING DATE: 2005-01-31
14 <150> PRIOR APPLICATION NUMBER: PCT/EP03/008365
15 <151> PRIOR FILING DATE: 2003-07-28
17 <150> PRIOR APPLICATION NUMBER: EP 02447150.0
18 <151> PRIOR FILING DATE: 2002-07-31
20 <160> NUMBER OF SEQ ID NOS: 10
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 411
26 <212> TYPE: DNA
27 <213> ORGANISM: Mus musculus
29 <220> FEATURE:
30 <221> NAME/KEY: CDS
31 <222> LOCATION: (1)...(411)
33 <221> NAME/KEY: V_region
34 <222> LOCATION: (1)...(411)
35 <223> OTHER INFORMATION: 14C12 monoclonal antibody heavy chain
W--> 37 <221> misc_feature
38 <222> LOCATION: (78)...(111)
39 <223> OTHER INFORMATION: CDR1
W--> 41 <221> misc_feature
42 <222> LOCATION: (150)...(198)
43 <223> OTHER INFORMATION: CDR2
W--> 45 <221> misc_feature
46 <222> LOCATION: (297)...(333)
47 <223> OTHER INFORMATION: CDR2
W--> 49 <400> 1
50 gag gtc cag ctt cag cag tct gga cct gag ctg gtt aag cct ggg gct   48
51 Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
52 1             5             10             15
54 tca gtg aag ctg tcc tgc aag gct tct gga tac aca ttc act agc tct   96
55 Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Ser
56             20             25             30
58 gtt atg cac tgg ctg aag cag aag tct ggg cag ggc ctt gag tgg att   144
59 Val Met His Trp Leu Lys Gln Lys Ser Gly Gln Gly Leu Glu Trp Ile
60             35             40             45

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```

62 gga tat att aat cct tac aat gat ggt act aag tac aat gag aag ttc 192
63 Gly Tyr Ile Asn Pro Tyr Asn Asp Gly Thr Lys Tyr Asn Glu Lys Phe
64      50                      55                      60
66 aca gcc aag gcc aca ctg act tca gac aaa tcc tcc agc aca gtc tac 240
67 Thr Ala Lys Ala Thr Leu Thr Ser Asp Lys Ser Ser Ser Thr Val Tyr
68 65                      70                      75                      80
70 atg gag ctc agc ggc ctg acc tct gag gac ttt gcg gtc tat tac tgt 288
71 Met Glu Leu Ser Gly Leu Thr Ser Glu Asp Phe Ala Val Tyr Tyr Cys
72      85                      90                      95
74 gca cga tcg gga ggt tta cta cga ggt tac tgg tac ttc gat gtc tgg 336
75 Ala Arg Ser Gly Gly Leu Leu Arg Gly Tyr Trp Tyr Phe Asp Val Trp
76      100                      105                      110
78 ggc gca ggg acc acg gtc acc gtc tcc tca gcc aaa aca aca gcc cca 384
79 Gly Ala Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro
80      115                      120                      125
82 tcg gtc tat ccc ttg gtc cct ggc tgc 411
83 Ser Val Tyr Pro Leu Val Pro Gly Cys
84      130                      135
87 <210> SEQ ID NO: 2
88 <211> LENGTH: 137
89 <212> TYPE: PRT
90 <213> ORGANISM: Mus musculus
92 <400> SEQUENCE: 2
93 Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
94 1                      5                      10                      15
95 Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Ser
96      20                      25                      30
97 Val Met His Trp Leu Lys Gln Lys Ser Gly Gln Gly Leu Glu Trp Ile
98      35                      40                      45
99 Gly Tyr Ile Asn Pro Tyr Asn Asp Gly Thr Lys Tyr Asn Glu Lys Phe
100 50                      55                      60
101 Thr Ala Lys Ala Thr Leu Thr Ser Asp Lys Ser Ser Ser Thr Val Tyr
102 65                      70                      75                      80
103 Met Glu Leu Ser Gly Leu Thr Ser Glu Asp Phe Ala Val Tyr Tyr Cys
104      85                      90                      95
105 Ala Arg Ser Gly Gly Leu Leu Arg Gly Tyr Trp Tyr Phe Asp Val Trp
106      100                      105                      110
107 Gly Ala Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro
108      115                      120                      125
109 Ser Val Tyr Pro Leu Val Pro Gly Cys
110      130                      135
113 <210> SEQ ID NO: 3
114 <211> LENGTH: 369
115 <212> TYPE: DNA
116 <213> ORGANISM: Mus musculus
118 <220> FEATURE:
119 <221> NAME/KEY: CDS
120 <222> LOCATION: (1)...(369)
122 <221> NAME/KEY: V_region

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```

123 <222> LOCATION: (1)...(369)
124 <223> OTHER INFORMATION: 14C12 monoclonal antibody light chain
W--> 126 <221> misc_feature
127 <222> LOCATION: (72)...(102)
128 <223> OTHER INFORMATION: CDR1
W--> 130 <221> misc_feature
131 <222> LOCATION: (150)...(168)
132 <223> OTHER INFORMATION: CDR2
W--> 134 <221> misc_feature
135 <222> LOCATION: (267)...(291)
136 <223> OTHER INFORMATION: CDR3
W--> 138 <400> 3
139 gat ctt gtg cta act cag tct cca gcc acc ctg tct gtg act cca gga      48
140 Asp Leu Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Thr Pro Gly
141 1          5          10          15
143 gat agt gtc agt ctt tcc tgt agg gcc agc caa gat att acc aac acc      96
144 Asp Ser Val Ser Leu Ser Cys Arg Ala Ser Gln Asp Ile Thr Asn Thr
145          20          25          30
147 ctt cac tgg tat cat caa aaa tca cat gag tct cca agg ctt ctc atc      144
148 Leu His Trp Tyr His Gln Lys Ser His Glu Ser Pro Arg Leu Leu Ile
149          35          40          45
151 aag tat gtt tcc cag tcc atc tct ggg atc ccc tcc agg ttc agt ggc      192
152 Lys Tyr Val Ser Gln Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly
153          50          55          60
155 agt gga tca ggg aca gtt ttc act ctc agt atc aac agt gtg gag act      240
156 Ser Gly Ser Gly Thr Val Phe Thr Leu Ser Ile Asn Ser Val Glu Thr
157 65          70          75          80
159 gaa gat ttt gga gtg tat ttc tgt cag cag agt acc agc tgg ccg tac      288
160 Glu Asp Phe Gly Val Tyr Phe Cys Gln Gln Ser Thr Ser Trp Pro Tyr
161          85          90          95
163 aca ttc gga ggg ggg acc aag ttg gaa ata aaa cgg gct gat gct gca      336
164 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
165          100          105          110
167 cca act gta tcc atc ttc cca cca tcc agt gag                          369
168 Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu
169          115          120
172 <210> SEQ ID NO: 4
173 <211> LENGTH: 123
174 <212> TYPE: PRT
175 <213> ORGANISM: Mus musculus
177 <400> SEQUENCE: 4
178 Asp Leu Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Val Thr Pro Gly
179 1          5          10          15
180 Asp Ser Val Ser Leu Ser Cys Arg Ala Ser Gln Asp Ile Thr Asn Thr
181          20          25          30
182 Leu His Trp Tyr His Gln Lys Ser His Glu Ser Pro Arg Leu Leu Ile
183          35          40          45
184 Lys Tyr Val Ser Gln Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly
185          50          55          60

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```

186 Ser Gly Ser Gly Thr Val Phe Thr Leu Ser Ile Asn Ser Val Glu Thr
187 65                               70                               75                               80
188 Glu Asp Phe Gly Val Tyr Phe Cys Gln Gln Ser Thr Ser Trp Pro Tyr
189                               85                               90                               95
190 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
191                               100                              105                              110
192 Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu
193                               115                              120

```

196 <210> SEQ ID NO: 5

197 <211> LENGTH: 12

198 <212> TYPE: PRT

199 <213> ORGANISM: Mus musculus

201 <400> SEQUENCE: 5

202 Gly Tyr Thr Phe Thr Ser Ser Val Met His Trp Leu

203 1 5 10

206 <210> SEQ ID NO: 6

207 <211> LENGTH: 18

208 <212> TYPE: PRT

209 <213> ORGANISM: Mus musculus

211 <400> SEQUENCE: 6

212 Gly Tyr Ile Asn Pro Tyr Asn Asp Gly Thr Lys Tyr Asn Glu Lys Phe

213 1 5 10 15

214 Thr Ala

218 <210> SEQ ID NO: 7

219 <211> LENGTH: 13

220 <212> TYPE: PRT

221 <213> ORGANISM: Mus musculus

223 <400> SEQUENCE: 7

224 Ser Gly Gly Leu Leu Arg Gly Tyr Trp Tyr Phe Asp Val

225 1 5 10

228 <210> SEQ ID NO: 8

229 <211> LENGTH: 11

230 <212> TYPE: PRT

231 <213> ORGANISM: Mus musculus

233 <400> SEQUENCE: 8

234 Arg Ala Ser Gln Asp Ile Thr Asn Thr Leu His

235 1 5 10

238 <210> SEQ ID NO: 9

239 <211> LENGTH: 7

240 <212> TYPE: PRT

241 <213> ORGANISM: Mus musculus

243 <400> SEQUENCE: 9

244 Tyr Val Ser Gln Ser Ile Ser

245 1 5

248 <210> SEQ ID NO: 10

249 <211> LENGTH: 9

250 <212> TYPE: PRT

251 <213> ORGANISM: Mus musculus

253 <400> SEQUENCE: 10

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Input Set : A:\seqlist.txt

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254 Gln Gln Ser Thr Ser Trp Pro Tyr Thr

255 1 5

VERIFICATION SUMMARY

DATE: 02/17/2005

PATENT APPLICATION: US/10/523,444

TIME: 11:36:06

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02172005\J523444.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:37 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:41 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:45 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:49 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:126 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:130 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:134 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:138 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3